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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

inventor:	OCHIAI, Mitsuru et ai.	;
Serial No.:	10/076,079	;
Filed:	February 15, 2002	,
Patent No.:	6,852,789	;
Issued:	February 8, 2005	,
For:	Glycols Starting Materials Containing Dispersed Superfine Ceramic Powder Coagulates Capable Of Forming Polyester Molded Bodies Having High Mechanical Strength And Transparency	

PETITION TO CORRECT THE ASSIGNEES UNDER 37 CFR 3.81(b) AND REQUEST FOR CERTIFICATE OF CORRECTION

Mail Stop PETITIONS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is a Petition Under 37 CFR § 1.183 to Suspend the Rules in order to correct the assignees named in U.S. Patent 6,852,789.

On the Part B – Issue Fee Transmittal (Form PTOL-85B) filed July 8, 2003, Applicants erroneously identified the assignees as follows:

Degussa-AG

This error was made inadvertently and was discovered during review of the issued patent. The correct assignees are "Degussa AG" and "Nippon Aerosil Co., Ltd.".

Accordingly, Applicants request that at item (73) on the front page of the patent, the Assignee section read as follows:

Degussa AG, Düsseldorf (DE); Nippon Aerosil Co., Ltd., Tokyo (JP)



Revenue Accounting and Management

Name/Number: 6852789

Total Records Found: 2

Start Date: Any Date

End Date: Any Date

Accounting Date	Sequence Num.	Fee Type	Fee Code	Fee Amount	Mailroom Date	Payment Method
01/26/2006	00000237	<u>4</u>	<u>8021</u>	\$40.00	01/26/2006	CC
01/18/2006	00000019	<u>2</u>	<u>1811</u>	\$100.00	01/17/2006	CK

Please stam, the date of receipt & return to addressee.

Inventor(s):

OCHIAI, Mitsuru et al.

Serial No.: Filing Date: 10/076,079 02/15/2002

Patent No.: Issued:

6,852,789 02/08/2005

Title:

Glycols Starting Materials Containing Dispersed Superfine

Ceramic Powder Coagulates Capable Of Forming Polyester Molded Bodies Having High Mechanical Strength And

Transparency

Papers Submitted:

1) \$100.00 Check;

2) Request for Certificate of Correction (2 pages);

3) Copy of Assignment (2 pages);

4) Certificate of Correction (1 page, in duplicate); and

5) Return Receipt Postcard.

Sender:

RGW/lk

Date Sent:

January 13, 2006 (first class mail)

Atty. Dkt. No.:

032301.262

SMITH, GAMBRELL & RUSSELL, LLP

DETACH AND RETAIN THIS STATEMENT THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW. IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

073682

ı		73682		DIRECTOR/UNIT	TED STATES PATENT 01-13-06	
ı	REF.#	INV.#	DATE	P.O. #	INVOICE DESCRIPTION	AMOUNT PAID
•	192652	7151	01-12-06	032301.262	FILING FEE-CERTIFICATE OF	100.00
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. '		<u>.</u>		<u>'</u>	TOTAL AMOUNT PAID:	100.00

SMITH, GAMBRELL & RUSSELL, LLP

& TRADEMARK OFFICE

CLIENT DISBURSEMENT ACCOUNT SUITE 3100 PROMENADE II 1230 PEACHTREE STREET NE ATLANTA, GA 30309-3592

Wachovia Bank, National Association

073682

64-975 612

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ONE HUNDRED AND 00/100 Dollars

PAY

01-13-06

DATE

******100.00

TO THE

DIRECTOR/UNITED STATES PATENT

AMOUNT

ORDER OF

SMITH, GAMBRELL & RUSSELL, LLP VOID AFTER 90 DAYS

MILL

In support of this request, Applicants submit herewith the following documents:

- 1) a copy of the Part B Issue Fee Transmittal (Form PTOL-85B) filed by Applicants on October 25, 2004;
- a copy of the Notice of Recordation of Assignment Document and Assignment recorded on May 6, 2002, at Reel 012866, Frame 0401;
- a copy of the Corrective Assignment Document recorded on January 26, 2006, at Reel 017065, Frame 0289; and
- 4) a copy of the front page of U.S. Patent No. 6,852,789.

The failure to include the correct assignee names on the PTOL-85B was inadvertent.

If this Petition is granted, Applicants respectfully request that the file be forwarded to the Certificates of Correction Division for issuance of a Certificate of Correction. Two copies of a Certificate of Correction are enclosed for this purpose. Applicants have previously submitted the \$100 fee due under 37 CFR 1.20(a); however, if any additional fees are required, the Examiner is authorized to charge such fees to Deposit Account No. 02-4300.

Applicants have also enclosed payment in the amount of \$130.00 for the petition fee due under 37 CFR 1.117(h). If any additional fees are required, the Examiner is authorized to charge such fees to Deposit Account No. 02-4300.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP

By: Robert G. Weilacher, Reg. No. 20,531

Dated: September 5, 2006 Suite 3100, Promenade II 1230 Peachtree Street, N.E. Atlanta, Georgia 30309-3592

Ph: (404) 815-3593 Fax: (404) 685-6893

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000

INSTRUCTEDS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

or <u>Fax</u>

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

SEP 0 8 2006

07/27/2004

SMITH, GAMBRELL & RUSSELL, LLP ATTORNEYS AT LAW SUITE 800 1850 M STREET, N.W. WASHINGTON, DC 20036 Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)
(Signature)

(Date

 APPLICATION NO.
 FILING DATE
 FIRST NAMED INVENTOR
 ATTORNEY DOCKET NO.
 CONFIRMATION NO.

 10/076,079
 02/15/2002
 Mitsuru Ochiai
 32301W262
 8651

TITLE OF INVENTION: GLYCOLS STARTING MATERIALS CONTAINING DISPERSED SUPERFINE CERAMIC POWDER COAGULATES CAPABLE OF FORMING POLYESTER MOLDED BODIES HAVING HIGH MECHANICAL STRENGTH AND TRANSPARENCY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	10/27/2004
EXAMINER		ART UNIT	CLASS-SUBCLASS	7	
YOON, TAE H		1714	524-493000	_	
Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		Correspondence	2. For printing on the patent front page, (1) the names of up to 3 registered pat or agents OR, alternatively, (2) the name of a single firm (having as registered attorney or agent) and the na 2 registered patent attorneys or agents. listed, no name will be printed.	ent attorneys 1 SMTTH 8 R 2 R 1 umes of up to	, GAMBRELL USSELL, LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Degussa - AG

Germany

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature) Jan 184 52,307 (Date

Robert G. Weilacher, Reg. No. 20,531

October 25, 2004

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

JULY 10, 2002

SMITH, GAMBRELL & RUSSELL LLP ROBERT G. WEILACHER 1850 M STREET NW SUITE 800 WASHINGTON, D.C. 20036

Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov

SMITH, GAMBRELL & BUSSELL, L.L.P

102084615A

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

PTAS

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/06/2002

REEL/FRAME: 012866/0401

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OCHIAI, MITSURU

DOC DATE: 03/11/2002

ASSIGNOR:

IIDA, KEIICHI

DOC DATE: 03/11/2002

ASSIGNOR:

ISHIBASHI, NARUYASU

DOC DATE: 03/11/2002

GIVEN TO

ASSIGNEE:

DEGUSSA-AG BENNIGSENPLATZ 1 DE-40474 DUSSELDORF, FED REP

GERMANY

ASSIGNEE:

NIPPON AEROSIL CO., LTD PO BOX 7015 SHINJUKU-MONOLITH 13F-3-1 NISHI-SHINUKU 2-CHOME SHINJUKU-KU, TOKYO 163-09, JAPAN

DOCKET	032 301. 202
DOCKETED	BY:/
DATE	BY:
GIVEN TO	Raw

012866/0401 PAGE 2

SÉRIAL NUMBER: 10076079

PATENT NUMBER:

FILING DATE: 02/15/2002

ISSUE DATE:

JOANN STEWART, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



'Docket: 32301WD262

05-10-2002



102084615

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

1. Name(s) of conveying party(ies):

Mitsuru OCHIAI; Keiichi IIDA; Naruyasu ISHIBASHI

2. Name(s) and Address(es) of receiving party(ies):

DEGUSSA-AG

Bennigsenplatz 1

GERMANY

DE-40474 Düsseldorf 5 6 102

Nippon Aerosil Co., Ltd.

P.O. Box 7015

Shinjuku-Monolith 13F, 3-1

Nishi-Shinjuku 2-chome

Shinjuku-ku, Tokyo 163-09

JAPAN

3. Nature of conveyance:

Assignment

Execution Date:

March 11, 2002

4A. Application Serial No. 10/076,079

Application Filing Date: February 15, 2002

Name and Address of Party to whom correspondence regarding this document should be mailed:

Smith, Gambrell & Russell, LLP

1850 M Street N.W. (Suite 800)

Washington, DC 20036

202 263-4300

6. Total number of applications and patents involved: one

7. Total fee: \$40.00.

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit account no.: 02-4300

DO NOT USE THIS SPACE

9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Name of Person Signing: Rober# G., Weilacher, Reg. No. 20,531

Signature:

Date: 2002 May 8,

05/07/2002 KZEWDIE 00000011 10076079

03 FC:581 40.00 GP

ASSIGNMENT

WHEREAS the undersigned (hereinafter "ASSIGNOR") have invented certain new and useful improvements in

GLYCOLS STARTING MATERIALS CONTAINING DISPERSED SUPERFINE
CERAMIC POWDER COAGULATES CAPABLE OF FORMING POLYESTER
MOLDED BODIES HAVING HIGH MECHANICAL STRENGTH AND
TRANSPARENCY

for which an application for United States Letters Patent was executed concurrently herewith unless otherwise indicated

WHEREAS, DEGUSSA AG
BENNIGSENPLATZ 1,
DE-40474 DÜSSELDORF, GERMANY
(a German Corporation)

and

Nippon Aerosil Co., Ltd. P.O. Box 7015 Shinjuku-Monolith 13F, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-09, Japan (a Japanese Corporation)

(hereinafter "ASSIGNEES") are each desirous of acquiring an undivided one-half interest in the right and title in the same:

NOW, THEREFORE, in view of good and valuable consideration, the said ASSIGNOR hereby sells, assigns and transfers unto each of said ASSIGNEES, an undivided one-half interest in the right to the said invention in the United States and all other countries and an undivided one-half interest in the right and title in and to any and all Letters Patent, which may be granted therefore in the United States, and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

Said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEES, as the assignees each of an undivided one-half interest in the right and title in and to the same, for the sole use and for the use of their respective successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by said ASSIGNOR had this assignment and sale not been made.

Further, the ASSIGNOR agrees to communicate to said ASSIGNEES, or their respective representatives, any facts known to the ASSIGNOR respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEES, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEES, their respective successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR authorizes any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

IN TESTIMONY WHEREOF, we have hereunto set our hands

	_		

Dates In the Presence of:

Mitsuru OCHIAI

Signatures

Naruyasu Ishibashi

yasu Ishibashi rachu 200 & 1. U.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 26, 2006

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ROBERT G. WEILACHER, ESQ. 1230 PEACHTREE STREET, N.E. SUITE 3100, PROMENADE II ATLANTA, GA 30309-3592

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/26/2006

REEL/FRAME: 017065/0289

NUMBER OF PAGES: 5

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE FIRST ASSIGNEE NAME FROM DEGUSSA-AG TO DEGUSSA AG PREVIOUSLY RECORDED ON REEL 012866 FRAME 0401. ASSIGNOR(S) HEREBY CONFIRMS THE RECORDATION COVER

SHEET CONTAINED AN ERROR IN THE FIRST ASSIGNEE NAME.

DOCKET NUMBER: 032301.262

ASSIGNOR:

OCHIAI, MITSURU DOC DATE: 03/11/2002

ASSIGNOR:

IIDA, KEIICHI DOC DATE: 03/11/2002

ASSIGNOR:

ISHIBASHI, NARUYASU DOC DATE: 03/11/2002 017065/0289 PAGE 2

ASSIGNEE:

DEGUSSA AG

BENNIGSENPLATZ 1

DUESSELDORF, GERMANY DE-40474

ASSIGNEE:

NIPPON AEROSIL CO., LTD. NISHI-SHINJUKU 2-CHOME P.O. BOX 7015, SHINJUKU-MONOLITH 13F, 3-1 SHINJUKU-KU, TOKYO, JAPAN 163-09

SERIAL NUMBER: 10076079

FILING DATE: 02/15/2002

PATENT NUMBER: 6852789

ISSUE DATE: 02/08/2005

TITLE: GLYCOLS STARTING MATERIALS CONTAINING DISPERSED SUPERFINE CERAMIC POWDER COAGULATES CAPABLE OF FORMING POLYESTER MOLDED BODIES HAVING

HIGH MECHANICAL STRENGTH AND TRANSPARENCY

JOANN STEWART, EXAMINER ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

Fax Server

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 01/26/2006 500073634

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FIRST ASSIGNEE NAME FROM DEGUSSA-AG TO DEGUSSA AG previously recorded on Reel 012866 Frame 0401. Assignor(s) hereby confirms the RECORDATION COVER SHEET CONTAINED AN ERROR IN THE FIRST ASSIGNEE NAME.

CONVEYING PARTY DATA

Name	Execution Date
MITSURU OCHIAI	03/11/2002
KEIICHI IIDA	03/11/2002
NARUYASU ISHIBASHI	03/11/2002

RECEIVING PARTY DATA

Name:	DEGUSSA AG
Street Address:	BENNIGSENPLATZ 1
City:	DUESSELDORF
State/Country:	GERMANY
Postal Code:	DE-40474

Name:	NIPPON AEROSIL CO., LTD.
Street Address:	NISHI-SHINJUKU 2-CHOME
Internal Address:	P.O. BOX 7015, SHINJUKU-MONOLITH 13F, 3-1
City:	SHINJUKU-KU, TOKYO
State/Country:	JAPAN
Postal Code:	163-09

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6852789

CORRESPONDENCE DATA

Fax Number:

(404)685-6948

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone:

404-815-3593

RightFax

1/26/06 5:52

PAGE 005/005

Fay Server

Email:

lkimsey@sgrlaw.com

Correspondent Name:

Robert G. Weilacher, Esq.

Address Line 1:

1230 Peachtree Street, N.E. Suite 3100, Promenade II

Address Line 2: Address Line 4:

Atlanta, GEORGIA 30309-3592

ATTORNEY DOCKET NUMBER:

032301.262

NAME OF SUBMITTER:

Robert G. Weilacher

Total Attachments: 5

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source=032301262#page4.tif

source=032301262#page5.tif

JULY 10, 2002

SMITH, GAMBRELL & RUSSELL LLP ROBERT G. WEILACHER 1850 M STREET NW SUITE 800 WASHINGTON, D.C. 20036 Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov

JUL I DEUZ

102084615A

SMITH, GAMBRELL & PUSSELL, L.L.P.

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

PTAS

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/06/2002

REEL/FRAME: 012866/0401

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OCHIAI, MITSURU

DOC DATE: 03/11/2002

ASSIGNOR:

IIDA, KEIICHI

DOC DATE: 03/11/2002

ASSIGNOR:

ISHIBASHI, NARUYASU

DOC DATE: 03/11/2002

ASSIGNEE:

DEGUSSA-AG
BENNIGSENPLATZ 1
DE-40474 DUSSELDORF, FED REP
GERMANY

ASSIGNEE:

NIPPON AEROSIL CO., LTD PO BOX 7015 SHINJUKU-MONOLITH 13F-3-1 NISHI-SHINJUKU 2-CHOME SHINJUKU-KU, TOKYO 163-09, JAPAN

DOCKET 032 301 262

DOCKETED BY:

DATE 7/15/0:

GIVEN TO Row

012866/0401 PAGE 2

SÉRIAL NUMBER: 10076079

PATENT NUMBER:

FILING DATE: 02/15/2002

ISSUE DATE:

JOANN STEWART, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



Docket: 32301WD262

05-10-2002



102084615

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copies thereof.

1. Name(s) of conveying party(ies):

Mitsuru OCHIAI; Keiichi IIDA; Naruyasu ISHIBASHI

2. Name(s) and Address(es) of receiving party(ies):

DEGUSSA-AG
Bennigsenplatz 1
DE-40474 Düsseldorf 5 6 102
GERMANY

Nippon Aerosil Co., Ltd. P.O. Box 7015 Shinjuku-Monolith 13F, 3-1 Nishi-Shinjuku 2-chome Shinjuku-ku, Tokyo 163-09 JAPAN

3. Nature of conveyance:

Execution Date:

Assignment

March 11, 2002

4A. Application Serial No. 10/076,079

Application Filing Date: February 15, 2002

5. Name and Address of Party to whom correspondence regarding this document should be mailed:

Smith, Gambrell & Russell, LLP 1850 M Street N.W. (Suite 800) Washington, DC 20036

202 263-4300

6. Total number of applications and patents involved : one

7. Total fee: \$40.00.

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

8. Deposit account no.: 02-4300

DO NOT USE THIS SPACE

9. <u>Statement and Signature:</u> To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Name of Person Signing: Rober# G., Weilacher, Reg. No. 20,531

Signature:

Date:

May 8, 2002

05/07/2002 KZEWDIE 00000011 10076079

03 FC:581

40.00 OP

ASSIGNMENT

WHEREAS the undersigned (hereinafter "ASSIGNOR") have invented certain new and useful improvements in

GLYCOLS STARTING MATERIALS CONTAINING DISPERSED SUPERFINE
CERAMIC POWDER COAGULATES CAPABLE OF FORMING POLYESTER
MOLDED BODIES HAVING HIGH MECHANICAL STRENGTH AND

TRANSPARENCY

for which an application for United States Letters Patent was executed concurrently herewith unless otherwise indicated

WHEREAS, DEGUSSA AG
BENNIGSENPLATZ 1,
DE-40474 DÜSSELDORF, GERMANY
(a German Corporation)

and

Nippon Aerosil Co., Ltd. P.O. Box 7015 Shinjuku-Monolith 13F, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-09, Japan (a Japanese Corporation)

(hereinafter "ASSIGNEES") are each desirous of acquiring an undivided one-half interest in the right and title in the same:

NOW, THEREFORE, in view of good and valuable consideration, the said ASSIGNOR hereby sells, assigns and transfers unto each of said ASSIGNEES, an undivided one-half interest in the right to the said invention in the United States and all other countries and an undivided one-half interest in the right and title in and to any and all Letters Patent, which may be granted therefore in the United States, and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

Said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEES, as the assignees each of an undivided one-half interest in the right and title in and to the same, for the sole use and for the use of their respective successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by said ASSIGNOR had this assignment and sale not been made.

Further, the ASSIGNOR agrees to communicate to said ASSIGNEES, or their respective representatives, any facts known to the ASSIGNOR respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEES, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEES, their respective successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR authorizes any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

IN TESTIMONY WHEREOF, we have hereunto set our hands

Signatures

Dates In the Presence of:

Mitsury (Ichi'ai	Horch 11, 20	or Dr. U.	4-20	
Mitsuru OCHIAI				V	
Leuchi	Sida	Herd 11.200	2 Dr. U.	<u></u> ★· 7 &	
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Naruyasu Ishibashi



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(12) United States Patent Ochiai et al.

(10) Patent No.:

US 6,852,789 B2

(45) Date of Patent:

Feb. 8, 2005

(54) GLYCOLS STARTING MATERIALS
CONTAINING DISPERSED SUPERFINE
CERAMIC POWDER COAGULATES
CAPABLE OF FORMING POLYESTER
MOLDED BODIES HAVING HIGH
MECHANICAL STRENGTH AND
TRANSPARENCY

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 469 days.

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(51) Int. Cl.⁷ C08K 3/34; C08K 3/22;

(52) U.S. Cl. 524/493; 524/430; 524/604; 528/282; 528/283

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(57) ABSTRACT

Glycol starting materials for manufacturing a polyester molded body containing 1 to 20% by weight of dispersed superfine ceramic powder aggregates relative to the total weight of the glycol for enabling polyester molded bodies having a high mechanical strength and transparency to be manufactured. The superfine ceramic powder aggregates dispersed in the glycol starting material have a mean particle size of 0.05 to 0.5 μ m as measured with a laser diffraction particle size distribution analyzer, and wherein the peak indicated in a particle size distribution curve of the superfine ceramic powder aggregates obtained based on the results of the measurement satisfies the relationship of w/h \leq 0.7, wherein h is the peak height and w is the peak width at one half of the peak height (a half-width).

8 Claims, 2 Drawing Sheets